GORIN, V.A.

New findings on mud volcame activity in southeastern Caucasus. Dokl. AN Azerb. SSR 11 no.10:709-712 '55. (MIRA 9:2)

l.Institut geelogii imemi I.M.Gubkina AN Azerbaydzhanskey SSR. Predstavlene deystvitelinym chlenem AN Azerbaydzhanskey SSR M.A.Kashkayem.

(Caucasus -- Mud volcanees)

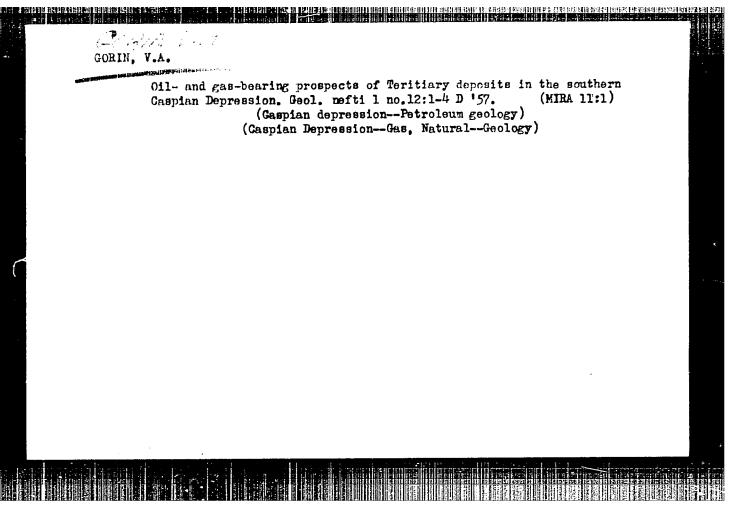
MEKHTIYEV, Sh.F.; GORIN, V.A., redaktor; DOLGOV, V.I., redaktor; PEVZNER, M.I., tekhnicheskiy redaktor

[Problems in the origin of petroleum and the formation of petroleum-bearing strata in Azerbaijan] Voprosy proiskhozhdeniia nefti i formirovaniia neftianykh zalezhei Azerbaidzhana. Baku, Izd-vo Akademii nauk Azerbaidshanskoi SSR, 1956. 317 p. (MIRA 10:3)

(Azerbaijan--Petroleum geology)

ALIKHAHOV, knver Mazarovich; GCRIM, V.A., professor, redaktor; GONCHAROV,
I.A., redaktor izdate the eastern part of Apsheron Province and
its oil bearing possibilities] Podkirmakinskins svita vostochnoi
chasti Apsheronskoi oblasti i ee neftencencet. Beku. Azerbaidzhanskoe gos.izd-vo neft. i nauchno-tekhn. lit-ry, 1957. 215 p.
(MERA 10:9)

(Apsheron Province--Petroleum geology)



GORIN, V.A.; VEZIROVA, A.D.

Mechanism of the rearrengement of material layers during fold formation. Uch.sap. AGU no.9:41-48 '57. (MIRA 11:11) (Apsheron Peninsula--Folds (Geology)) (Kobystan--Folds (Geology))

GORIN, V.A.; VEZIROVA, A.D.

Mechanism of fissure formation in folds. Dokl. AN Azerb.SSR 13 no.4:395-399 '57. (MURA 10:7)

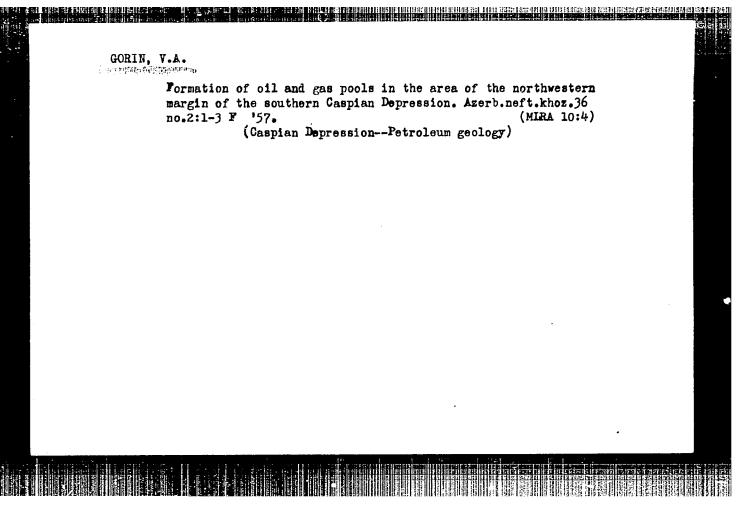
1. Akademiya nauk Aserbaydzhanskoy SSR, institut geologii. Predstavleno akademikom Akademii nauk Azerbaydzanskoy SSR. Ah.A. Azizbekovym. (Folds (Geology))

GORIN, V.A., VEZIROVA, A.D.

Achagyl reer limestones in southern Daghestan. Dokl. All
Azerb.SSR 13 no.5:525-528 '57. (MIRA 10:7)

1. Institut geologii. Predstavleno akademikom Akademii nauk
Azerbaydzanskoy SSR M.V. Abramovichem.

(Kasumkent District--Limestone)



GORIN, V.A.

Baku earthquake of November 28, 1958. Dokl.AN Azerb.SSR 15 no.8:703-706 '58. (MIRA 13:1)

1. Predstavleno akademikom AN AzerSSR M.V.Abranovichem. (Baku--Farthquake, 1958)

- AUTHOR:

Gorin, V. A.

SCV/20-122-4-40/57

TITLE:

Genetic Zones of Oil and Gas Accumulation in the

South Caspian Depression and the Origin of Oil and Gas (Geneticheskiye zony neftegazonosnosti Yuzhnoy Kaspiyskoy

vpadiny i proiskhozhdeniye nefti i gaza)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol 122, Nr 4, pp 683-684

(USSR)

ABSTRACT:

As a result of investigations concerning the occurrence of oil and gas in the South Caspian depression, a great deal of observational data has been assembled and thoroughly studied. This work makes possible a conclusion regarding the formation of oil and gas deposits, and leads us nearer to a solution of the problem of their origin. It has been accepted since 1938 (Ref 2), that deep faults, originating from the tectonics and deformation of the west edge of the depression, have played the chief roll in controlling the occurrence of gas and oil. This has been substantiated by geophysical investigations, and, more importantly, by the position of the large, active mud volcances. The author has distinguished 2 basic directions

Card 1/3

of faults and associated volcanoes: northwest-southeast

isan in mananan manan manan manan manan kan manan manan manan menganya mengang ing pengang ing pengang mengang Tanggan menganggan menganggan mengangkan mengangkan penganggan menganggan penganggan penganggan penganggan pen

Genetic Zones of Oil and Gas Accumulation in the SOV/20-122-4-40/57 South Caspian Depression and the Origin of Oil and Gas

(kavkazskoye) and northeast-southwest (Ref 2). These are the chief dislocation planes of the lower Tertiary and Mesozoic masses in the tectonic scheme. Especially notable is the direct correspondence between the periods of intensive mud vulcanism and the fluctuations in the level of the Kaspiyskoye more (Caspian Sea) within the last 150 years (Refs 1 and 4). It may be firmly asserted that oil and gas accumulations of the depression have originated through vaporous migration from oil and gas producing foci near the base of the sedimentary complex. The position of the roots of the mud volcanoes allows these foci to be seen in the contact zone between the sedimentary mass and the crystalline basement. Migration was chiefly vertical, and lateral migration occurred later only in the reservoir beds, in which the oil and gas was distributed according to gravitational laws. The source beds are not known, since the source of the oil and gas lies at great depth. The author specifies 4 genetic zones of regional oil and gas containing layers: a. the northern Apsheronskiy anticline, b. the southern anticline, c. the Alyatskiy anticline, and d. the Prikurinskiy anticline in the vicinity of Kura. Anticlines a. and b. are (together with the related faults)

Card 2/3

Genetic Zones of Oil and Gas Accumulation in the SOV/20-122-4-40/57 South Caspian Depression and the Origin of Oil and Gas

in the region of the richest oil deposits of the sea and mainland, which are currently being exploited on the Azerbaydzhanskaya structural step. Anticlines c. and d. are related to the southeast edge of this structural step. The Turkmenskaya tectonic step of the eastern edge of the depression plays an analogous roll. From these observations (chiefly in Azerbaydzhan) it is to be concluded that S. A. Kovalevskiy (Ref 5) and N. A. Kudryavtsev (Ref 6) are close to the solution of the question of oil and gas genesis, apart from the difference of opinions concerning the organic or inorganic origin of oil. There are 1 figure and 7 references, 7 of which are Soviet.

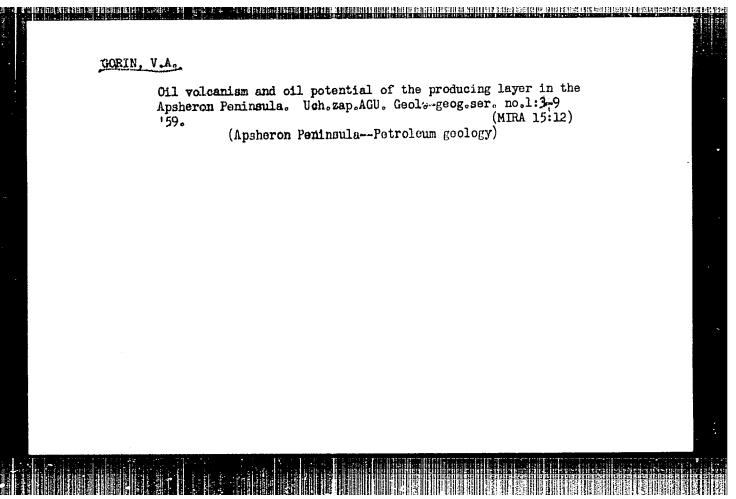
PRESENTED:

May 19, 1958, by D. V. Nalivkin, Member, Academician

SUBMITTED:

May 19, 1958

Card 3/3



GORIN, V.A.

Oil-bearing regions of the western slope of the southern part of the Caspian Depression. Isv.AN Azerb.SSR.Sor.gool.-geog. nauk no.1:13-22 '59. (MRA 12:5)

(Caspian Depression--Petroleum geology)

GORIN, V.A.; SUITANOV, A.D.

Mechanism of the formation and composition of breccia of petroleum volcanic necks in the producing formation of the Apsheron Peninsula. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no.4:13-25 '59. (MIRA 13:1)

(Apsheron Peninsula--Necks (Geology))

14 (5), 3 (5)

AUTHORS:

Gorin, V. A., Gadiyeva, T. M.

SOV/20-126-2-33/64

TITLE:

Petroleum Volcanio Necks and Asphaltic Pebble in Pliouene Deposits of the Apsheron Peninsula (Neftevulkanicheskiye nekki i asfal'tovaya gal'ka v otlozheniyakh pliotsena

Apsheronskogo poluostrova)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 2, pp 344-347 (USSR)

ABSTRACT:

In the tectonic scheme of the western edge of the Yuzhno-Kaspiyskaya (South Caspian) depression, the Apsheron Peninsula takes the place of the northern Apsheron wall of the mesozoic structural stage (Ref 1). Ranges of now active and fossil mud- (mud-petroleum)-volcano and natural gas outlets (Fig 1) stretch along the north-west and south-east edge of this wall. Discovered by the author, these necks and dykes at the bottom of the productive mass are directly connected to the northern edge of the said wall, where very rich petroleum deposits are (Figs 2, 3). Moreover, the deposits of asphaltic pebbles (Ref 4) in the sediments of the Apsheron stage (Fig 4) are also connected to the said wall. The fossil petroleum-volcanic necks and dykes with their related now active mud-volcanoes

Card 1/4

Petroleum Volcanic Necks and Asphaltic Pebble in Pliocene Deposits of the Apsheron Peninsula

SOV/20-126-2-33/64

stretch, as a narrow strip along a break-gorge. Here, on the continuation of a strip of fossil mud-volcanoes, and in the vicinity (Ref 2), numerous necks and dykes are to be found at the bottom of the productive mass. The origin of these necks is connected to the long working effect of almost perpendicularly-rising streams of a very gaseous petroleum. These streams have polished the side-walls of the almost perpendicular canals. Isolated necks measure 2-3 meters across, but also sometimes form groups, and with an increasing diameter the unite to a single large neck. They are also formed of breccias, in which petroleum has replaced water. The said necks and dykes prove an earlier perpendicular migration of petroleum and natural gas into the productive mass of the Apsheron Peninsula, and the saturation of this mass with petroleum. They penetrated a considerable part of the now washed-out productive mass. Their roots are connected to petroleum and natural gas deposits of the lower structural stage. The component composition of the bitumen, out of the spiralis chalk, proved (on the authority of T. M. Digurova) to be analogous to that of the substage of the

Card 2/4

Petroleum Volcanic Necks and Asphaltic Pebble in Pliocene Deposits of the Apsheron Peninsula

SOV/20-126-2-33/64

Kirmakinskaya suite. Large lumps of such chalk are also erupted by the mud-volcanoes. All this is an important proof (Refs 2, 3) of the fact, that the petroleum and natural gas deposits in the productive mass, are formed by a perpendicular migration out of the sediments laying beneath. Thus a genetical connection between the petroleum-natural gas-(mud-)-volcanism, the deep-seated fractures and the perpendicular migration of hydrocarbon, and the formation of exceedingly rich petroleum and natural gas fields was proved. Also the southern zone of the northern Apsheron wall proves the above statement. Figure 4 shows samples of "petroleum" pebbles, taken by T. M. Gadiyeva. There are 4 figures and 4 Soviet references.

ASSOCIATION:

Institut geologii Akademii nauk AzerbSSR (Geological Institute of the AS: Azerbaydzhan SSR)

Card 3/4

GORIN, V.A.

Modern and buried kir covers on the Apsheron Peninsula. Dokl. AN Azerb. SSR 15 no.12:1129-1134 '59. (MIRA 13:4)

1. Institut geologii AN AzerSSR. Predstavleno akademikom AN AzerSSR M.-A.Kashkayem.

(Apsheron Peninsula--Petroleum--Geology)

(MIRA 13:9)

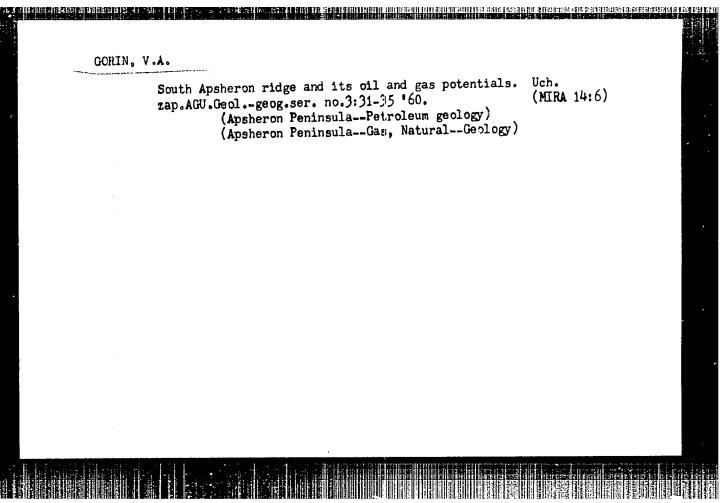
GORIN, V.A.

Conditions governing the formation of asphalt and asphalt pebble lenses in the Pliocene structure of the Apsheron Peninsula. Dokl.

AN Azerb.SSR 16 no.8:755-758 '60.

1. Institut geologii AN AzerSSr. Predstavleno akad. AN AzerSSR M.V. Abramovichem.

(Apsheron Peninsula--Asphalt)



MEKHTIYEV, Sh.F.; GORIN, V.A.

Paths and aspects of vertical migration of oil in a productive bed. Uch.zap.AGU.Geol.-geog.ser. no.3:3-8 *60. (MIRA 14:6) (Petroleum geology)

SULEYMANOV, D.M., otv.red.; KULOSHVILI, I.S., otv.red.; FOBEDONOSTSEV, N.M., otv.red.; Linge, O.K., prof.glev.red.; ABRAMOVICH, M.V., red.; AZIZEEKOV, Sh.A., red.; ALIYEV, A.G., red.; ALIZADE, A.A., red.; ALIZADE, K.A., red.; GORIN, V.A., red.; KASHKAY, M.A., red.; MEKHTIYEV, Sh.F., red.; SULTANOV, A.D., red.; DOLGOV, V., red.izd-va;

[Geology of Azerbaijan; hydrogeology] Geologiia Azerbaidzhana; gidro-geologiia. Glav.red.O.K.Lange.Otv.red.D.M.Suleimanov, I.S.Kuloshvili i N.M.Pobedonostsev. Baku, Izd-vo Akad.nauk Azerb.SSR, 1961. 357 p.

1. Akademiya nauk Azerbaidzhanskoy SSR, Baku. Institut geologii. (Azerbaijan-Water, Underground)

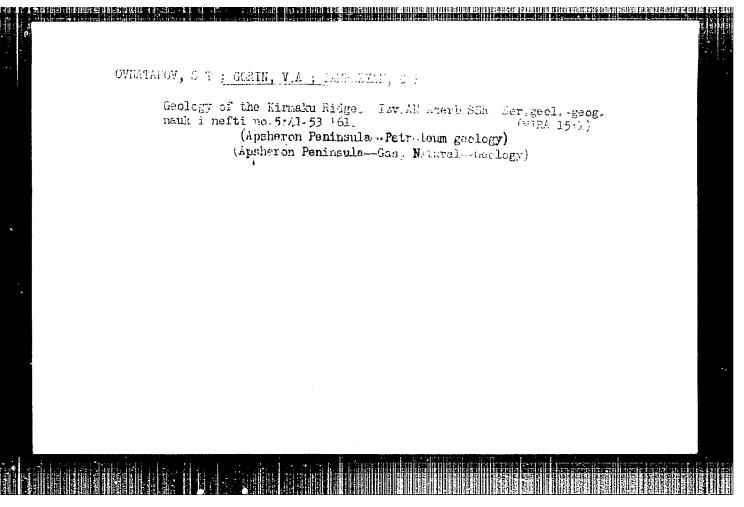
好多到我的我们就要把我们的现在代表的"我的",就是一个这个人,我们就想到一个那么一个,我们就想到我们就是一个我们,我们就是一个我们的,我们就是我们的人,我们就会

GORIN, V.A.; MEKHTIYEV, Sh.F.

Depth of the roots of petroleum necks and dikes in the Apsheron Peninsula. Uch.zap.AGU.Ser.geol.-geog.nauk no.5:3-8 '61. (MIRA 16:9)

GORIN, V.A.; SULTAROV, K.S., T. Granda, I.S.

Lokbatan-Atashkya-Bibicykat tectonic block. Uch.zap.ACU.Ser.geol.geog.nauk no.5:9-13 161. (MRA 16:9)



MEKHTIYEV, Sh.F.; GORIN, V.A.

Direct indications of the vertical migration of oil and its phases in the Plicette and Quaternary of the Apsheron Peninsula. Uch.zap.AGU. Geol.-geog.ser. no.6:3-11 '61. (MIRA 16:1) (Apsheron Peninsula--Petroleum geology)

GORIN, V.A.

Vertical and lateral migration of petroleum. Dok.AN Azerb.SSR 17 no.4:305-308 '61. (MIRA 14:6)

1. Institut geologii AN AzerSSR. Predstavleno akademikom AN AzerSSR Sh.F. Mekhtiyevym.

(Petroleum--Geology)

GORIN, V.A.; ZEYNALOVA, Z.G.

Migration of petroleum along fractures in the Kirwaki series of a productive layer. Dokl. An Azerb. SSR 17 no.5:387-393 '61.

(MIRA 14:6)

1. Institut geologii AN Azerbaydzhanskoy SSR Predstavleno akademikom AN Azerbaydzhanskoy SSR M.A. Kashkayem.

(Apsheron Peninsula—Petroleum geology)

GORIN, V.A.

Characteristics of the distribution of oil and gas pools in the southern part of the Caspian Depression. Sov.geol. 5 no.6:33-42 Je '62. (MIRA 15:11)

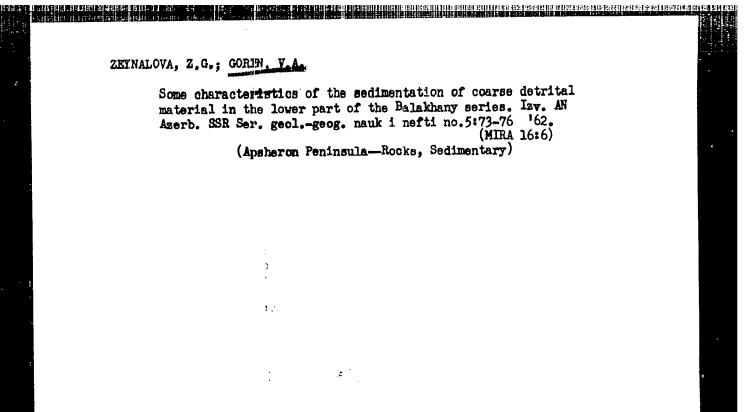
1. Institut geologii AN Azerbuydzhanskoy SSR.
(Caspian Depression—Petroleum geology)
(Caspian Depression—Gas, Natural—Geology)

GORIN, V.A.; ALIYEV, F.S.

Mechanism of the formation of certain types of exogenic folds. Dokl. AN Azerb. SSR 18 no.5:25-28 '62. (MIRA 15:7)

1. Institut geologii AN AzSSR. Predstavleno akademikom AN AzSSR Sh.F. Mekhtiyevym.

(Apsheron Peninsula—Folds (Geology))



GORIN, V.A.; DZHABARLY, F.G.

Mechanism of the migration and distribution of oil and gas in the Middle Pliocene of the Apsheron Peninsula. Dokl. AN Azerb. SSR 19 no.10:39-43 '63. (MIRA 17:6)

1. Institut geologii imeni akademika I.M. Gubkina. Predstavleno akademikom AN Azerbaydzhanskoy SSR Sh. F. Mekhtiyevym.

AMANOV, Soltansurad; GORIN, V.A., doktor geol.-riner. nauk, trof., naudhn. red.; KUZ MENKO, A.1., red.; NASIBOVA, S.G., red.

[Akchagyl' sediments in the Balkhan Range region and their oil and gas potentials; western Turkmenistan] Akchagyl'skie otlozheniia Pribalkhanskogo raiona i ikh neftegazonosmost'; Zapadnyi Turkmenistan. Ashkhabad, Turkmenizdat, 1964. 174 p. (MIRA 18:1)

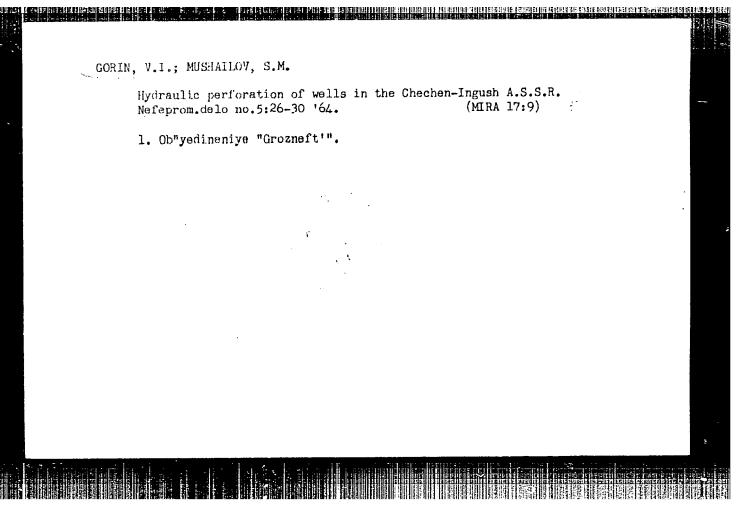
MERHITIYEV, Br. P., ALIYEV, J. A., GORJE, V.A., ref.

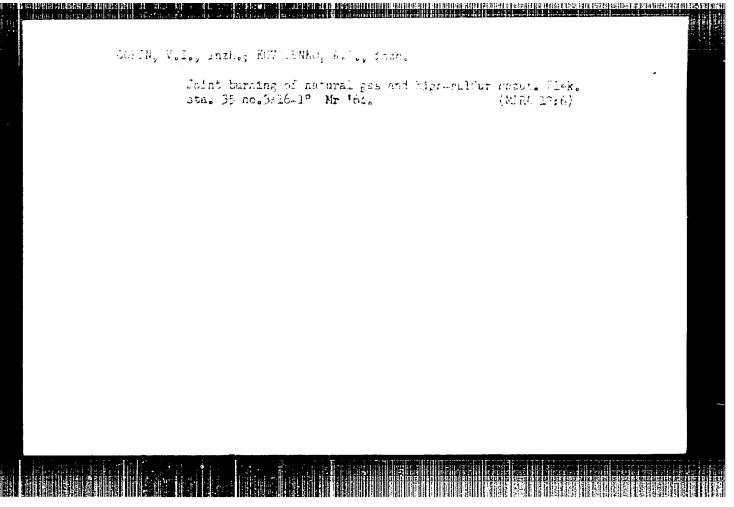
[Geological and geochemical characteristics of Upper Pliocene sediments in the eastern part of the Kura Deprecation] Geologogeokhimicheskala kharakteristika verkinapliotsenovykh ethozhenil vostechnol chasti Kurinskol vpadnny. Bako, Azerneshr, 1965. 124 p. (MIRA 18:8)

GORIN, V.A., prof. (Saku)

Fossil necks. Priroda 54 no.8:94-95 Ag .65.

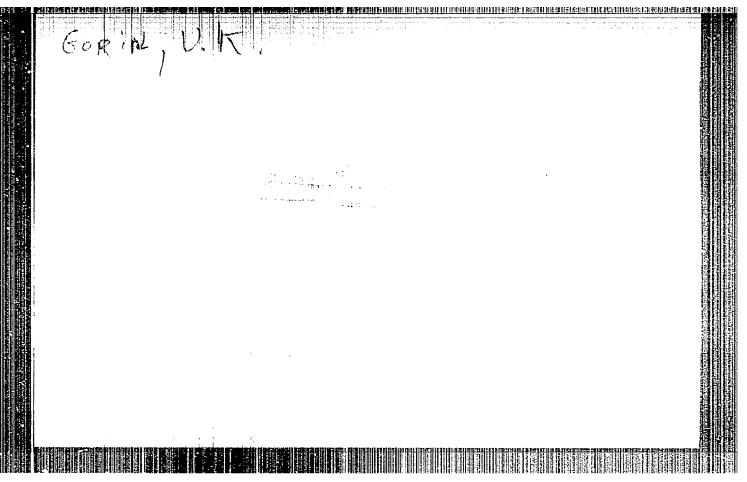
(MIRA 18:8)





MIKHIN, M.K.; GORIN, V.K.; KUZIN, M.D., inzhener, redaktor; SHAVEL'ZON, N.V., inzhener, Tedaktor; CHARIKHOV, L.A., inzhener, redaktor.

[Antomatic control of Martin furnaces] Avtomaticheskoe regulirovanie martenovskikh pechei. Sverdlozsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tavetnoi metallurgii, 1953. 503 p. (MLRA 7:6) (Open-hearth process) (Automatic control)



1. Prepared Jathonson Della America

GORINI, V.K.

137-1958-2-2426

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 2, p 32 (USSR)

AUTHORS: Paliy, L.F., Gorin, V.K., D'yakonov, A.I.

TITLE: The Productivity of Open-hearth Furnaces as a Function of the Values of the Parameters of the Bath (Proizvoditel'nost'

martenovskikh pechey v zavisimosti ot velichiny parametrov vann)

PERIODICAL: V sb.: Fiz.-khim. osnovy proiz-va stali. Moscow, AN SSSR.

1957, pp 42-60. Diskus., pp 160-187

ABSTRACT: A study of the performance of open-hearth furnaces of diverse tonnages revealed that the total time to complete a heat, Z, is

expressed by the straight-line equation $Z = \Sigma + K H_{av}$; the first term, Σ (the summation of the amounts of time needed for preparatory servicing, charging, reduction, and tapping), is not a function of the tonnage (T) of the furnace, but is determined solely by the quality of the work-planning and the degree of mechanization; the second term (the sum of the amounts of time needed for melting and the "boil") is proportional to the mean depth of the bath; moreover, the coefficient K is a function of thermal

and mechanical factors. An analysis of existing units of specific productivity of open-hearth furnaces, i.e., in terms of the yield,

137-1958-2-2426

The Productivity of Open-hearth Furnaces (cont.)

revealed their complicated dependence on the design and dimensions of the baths. which makes these units unsuitable for comparing the performances of open-hearth furnaces of equal tonnage. It was found that the hourly productivity of open-hearth furnaces is proportional to certain functions of their dimensions:

$$P \approx M \sqrt[3]{T^2}$$
 and $P \approx L \sqrt[3]{H_{av}} S_o$

wherein S_0 is the area of the bath surface, P is the productivity of the open-hearth furnace, and the coefficients M and L (which are proportional to one another) are the absolute units of specific productivity and are independent of the dimensions of the furnaces. The yield of steel, taken in units of $T^{2/3}$, which is called the nominal working capacity of an open-hearth furnace. is determined solely by the cuality of work planning and the degree of mechanization. These findings have been verified by data obtained from questionnaires covering 89 foreign and domestic furnaces of from 4 to 320 tons. Bibliography: 8 references.

Card 2/2 1. Furnaces-Production-Theory 2. Melts-Mathematical analysis

CIA-RDP86-00513R000616210018-6 "APPROVED FOR RELEASE: 09/19/2001

GORIN;

137-1958-3-4779

THE RESIDENCE OF THE PROPERTY OF THE PROPERTY

Translation from: Referativnyy zhurnal, Metallurgiya, 1958. Nr 3, p 46 (USSR)

D'yakonov, A. I., Gorin, V. K. AUTHORS:

A Rotary Speut for the Discharging of Metal From Large Open-TITLE:

hearth Furnaces (Povorotnyy zhelob dlya vypuska metalla iz

bol'shegruznykh martenovskikh pechey)

PERIODICAL: Sb. nauchn. tr. Magnitogorskiy gorno-metallurg, in-t. 1957.

Nr 11, pp 70-76

The Magnitogorsk metallurgic combine developed a rotary ABSTRACT:

spout for large open-hearth furnaces, which ensures good control over the filling of two ladles with metal and slag when the melt is discharged. The spout is mounted on two supporting sections set on rollers and may be rotated by means of a power drive from an electric winch. The lining of the spout interlinks with a trough (approximately 400 mm long), attached to the mounting plate of

the discharge opening of the furnace.

V. P.

Card 1/1

CIA-RDP86-00513R000616210018-6" **APPROVED FOR RELEASE: 09/19/2001**

महामान्याणमाण्यसम्बद्धाः स्थानस्य स्थानस्य स्थानस्य स्थानस्य स्थानस्य स्थानस्य स्थानस्य स्थानस्य स्थानस्य स्था

ABSTRACT:

137-58-4-6687

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 4, p 54 (USSR)

Tuzankin, N.M., Gorin, V.K., D'yakonov, A.I. AUTHORS:

Car-bottom Slag Pockets for Rapid Slag Removal Regardless of TITLE:

its State of Aggregation (Vydvizhnyye shlakoviki dlya bystrogo

udaleniya shlaka pri lyubom agregatnom sostoyanii)

Sb. nauchn. tr. Magnitogorskiy gornometallurg. in-t. 1957, PERIODICAL:

Nr 11, pp 77-84

The design of car-bottom slag pockets for open-hearth furnaces developed by the Magnitogorsk gornometallurg. in-t (Institute of Metallurgy and Mining) is described. The receiving element (RE) in the form of a lined metal box is mounted on a carriage, and is rolled out by a crane onto the pouring platform. The tops of the slag pockets rest on horizontal beams borne in turn by metal columns fixed into the foundation. Reinforcing wedges 50-80 mm high are provided between the carriage and the RE. After they are pulled out by a crane, the RE, which has fused to the roof of the slag pocket pulls away under the effect of its own weight. The RE is calculated to take 250-270 heats.

The weight of a full RE is 200-250 t. The force to roll it clear Card 1/2

CIA-RDP86-00513R000616210018-6" **APPROVED FOR RELEASE: 09/19/2001**

137-58-4-6687

Car-bottom Slag Pockets (cont.)

from the roof is 3-5 t, and the time required for replacement during repairs when the furnace is shut down, is 3-4 hours. For future open-hearth furnaces, a sunken type of slag pocket is proposed, with the RE removed to the slag dump along inclined tunnels below the pouring platform. The benefits provided by car-bottom slag pockets are: elimination of the need to drill and fire charges to clean slag pockets, complete mechanization of slag removal, elimination of the partitions between gas and air slag pockets, and reduction in repair time and in open hearth furnace down time.

2. Equipment--Operation 3. Slags--Removal--Processes 1. Equipment--Design

Card 2/2

CIA-RDP86-00513R000616210018-6" APPROVED FOR RELEASE: 09/19/2001

GORIN, V.K.

Effect of the melt weight on the output of open-hearth furnaces.

Izv.vys.ucheb.zav.; chern.met. no.4:162-166 '61. (MIRA 14:4)

1. Magnitogorskiy metallurgicheskiy komb'nat.
(Open-hearth furnaces)

CORIN V.K.; NEMOLOCHRAYA, T.K.

Effect of certain factors on manganese loss during the deoxidation of steel in open hearth furnaces. Izv. vys. ucheb. zav.; chern. (MIRA 18:1)

rut. 7 no.12:Al-A2 *64.

1. Magnitogorskiy gernometallurgicheskiy institut.

SHAVKUNOV, N.D.; ZYRYANOV, M.P.; KOROUTELEV, P.V.; GORIB, V.R.

Production of cast, pile-rolling squipments integrative (Mich 18:4)

0 164.

L 60219-65 ENT(1) ANG(*) Forty Person Person Way (1) 286/65/000/012/0084/0034

ACCINISION NR: APROLDOS6

AUTHORS: Veselov, E. Ye. E Gorin, V. P.; Bagrammants, V. C.

TITLE: Cravimeter, Class 42, No. 172069

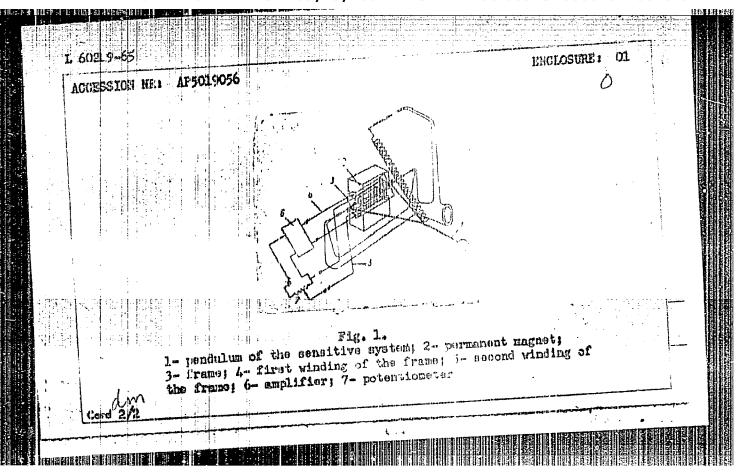
SOURCE: Byulleten izobreteniy i tovarnylch znakov, no. 12, 1965, 84

TOPIC TAGS: gravimeter, gravitation effect, measuring instrument

ABSTRACT: This author Certificate presents a gravimeter containing an elastic appetent of a rotary type and a damping mechanism (see Fig. 1 on the Enclosure). To aystent of a rotary type and a damping mechanism (see Fig. 1 on the Enclosure) is a system of a rotary type and a damping mechanism (see Fig. 1 on the Enclosure). The figure is the form of a frame in the frame in the frame in the form of a frame in the form of a frame in the frame i

regulate the damping process wills the grave and be desping mechanism it made in the form of a frame placed in the field of a permanent magnet and is of the elastic system. Both windings are electrically through an amplifier and a potentionoter. Original or the state of the sta	rigicity commented to one	pendulum pendulum another	
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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000616210018-6



Yu Yu	THORS: Naumenko-Bonderenko, I. I.; Gorin, V. rkovetskiv, S. G.; Aksenev, M. Z.; Yefremov, M.; Ind'ing, V. M.; Fel'dman, Yu. S.	V. V.; Kolentsev, A. M.; Barychov,
OR		
-	G: none	
Tì	TLE: A ground gravimeter Class 42, No. 17	7106
. SC	NURCE: Byulleten izobreteniy i tovarnykh zn	nakov, no. 24, 1965, 83
gr Al e. an i. d i. g c	PIC TAGS: gravimetric analysis, measuring is evimeter STRACT: This Author Certificate presents a lastic sensitive system, units of distance congle of a micrometric screw, and an assembly alluminator. The design increases the precision to the determination of the errors of the distance control in the gravimeter has precisinterconnected in a bridge circuit. One of the ravimeter and the other on a control panel. Connected with a tachometer. To reduce the talve system, the latter system is insulated for	ground gravimeter containing a quartz entrol and control of the rotation of a photoelectric device with an lon of the measurements and makes posdistance transmission. The unit of ion multiple-turn linear potenticmeters he potentiometers is mounted in the The rotors of these potentiometers are emperature effects on the quartz sensi-
S	UB CODE: 08/ SUBM DATE: 21Jan64	UDC: 550.831
	and 1/10LK	

GORIN, V.S., inzh.

Sand and glue filters and the field in which they are used. Gidr. stroi. 34 no.11:22-24 N '63. (MIRA 17:3)

USSR / Farm Animals. Swine.

Q

Abs Jour

: Ref Zhur - Biologiya, No 5, 1959, No. 21271

Author

: Plotnikov, V. K.; Gorin, V. Ya

Inst

: Scientific Research Institute of South-East Agriculture

Title

: The Fattening of Pigs with Dry Concentrated Feeds

from Self-Feeders

Orig Pub

: Byul. nauchno-tekhn. inform. N.-1. in-ta, s.-kh.

Yugo-Vostoka, 1958, No 3, 6-7

Abstract

: The pigs which consumed dry fodder from self-feeders, increased their weight during the 122 days of the experiment by 6.9 kg (10 percent) more, and expended 0.5 (10.7 percent) less feed units per 1 kg of weight gain than pigs which were fed the usual thickly mixed fodder. Finely ground fodder was consumed by the pigs more readily than coarsely ground fodder. -- A. D. Musin

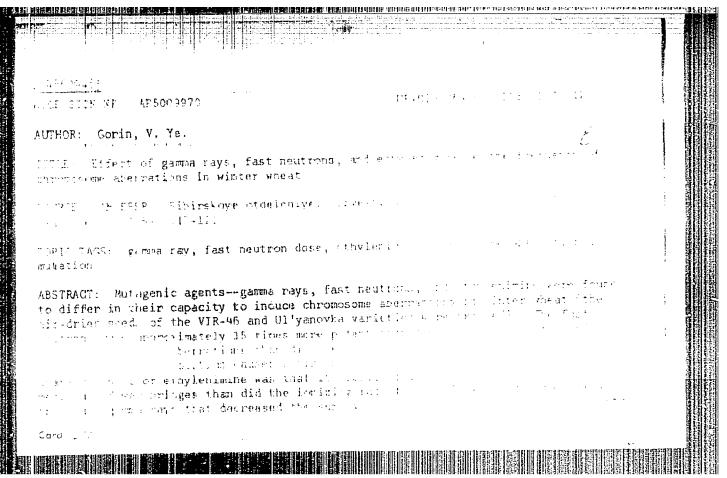
Card 1/1

69

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000616210018-6" GORIN, V. Ya.

Well mechanized work. Transp. stroi. 14 no.9:36 S '64 (MIRA 18:1)

1. Zamestitel' predsedatelya postroyechnogo komiteta SU-328 Mos-kovskogo stroitel'no-montazhnogo tresta e ansportnogo stroitel'stva.



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ASSOCIATION: Inst	titut tsitologii i gene itute of Cytology and (etiki, Siborskogo odi Genetics. Oiterio De	ele su AN SESE. Element AM SISE	
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NO REF SOV: 009	OTHE	R: 306		

SOV/42-13-5-5/15 Gorin, Ye.A., and Mityagin, B.S. AUTHORS: On Norm Systems in a Countably Normed Space (O ci temakh norm v TITLE schetno-normirovannom prostranstve) PERIODICAL: Uspekhi matematicheskikh nauk, 1958, Vol 13, Nr 5 pp 179-184 (USSR) Let Φ be a countably normed space [1,2], let Φ_p be the complement ABSTRACT: of ϕ with respect to the p-th norm. Let $\phi = \bigcap_{p=1}^{\infty} \phi_p$. Let $\phi = \bigcap_{p=1}^{\infty} \phi_p$. the space conjugate to φ . Every linear continuous functional $f \in \varphi^*$ has a finite order, i.e. for a certain p it holds $f \in \varphi^*_p$ To every $f \in \Phi^*$ there exists $||f||_0 = \lim_{p \to \infty} ||f||_p$. The authors investigate the question given by Shilov, G.E.: When this boundary value equals zero (or is unequal to zero) ? It is asserted that this depends on the fact how the norm system in tis chosen from the class of the equivalent norm systems which define the same topology in φ . Theorem: In a complete space Othere exist systems of norms $\{\|\phi\|_p\}$ and $\{\|\phi\|_p\}$ defining the initial topology and having the property that for every $f \in \phi^*$ it holds $\|f\|_0 = \lim_{p \to \infty} \|f\|_p = 0$ Card 1/2

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On Norm Systems in a Countably Normed Space

507/42-13-5 5/15

and for every $f \in \phi^*$, $f \neq 0$ it holds $\|f\|_0^t = \lim_{p \to \infty} \|f\|_p^t > 0$.

The proof of the theorem bases on seven lemmas.

There are 5 references, 1 of which is Soviet, 1 American, and

3 French.

SUBMITTED: February 21, 1957

Card 2/2

69762

16,4600

s/155/59/000/02/003/036

AUTHOR: Gorin, Ye.A.

TITLE: On a Characteristic Property of the Ring of Continuous Functions

PERIODICAL: Nauchnyye doklady vysshey shkoly. Fiziko-matematicheskiye nauki, 1959, No. 2, pp, 19-21

END FOR A TO BE SEE THE END REPORT OF THE TRANSPORT OF THE PROPERTY OF THE PRO

Theorem: Let R be a complete complex normed ring with the norm TEXT:

$$||x|| = \max_{t \in S} |x(t)|$$

which corresponds to the uniform convergence on the set S of the maximum ideals of R. If to every closed set FCS, to every $x \in \mathbb{R}$ and to a real $\varepsilon > 0$ there exists an element $x_{\mathcal{E}} \in \mathbb{R}$, such that it holds

(1)
$$||x_{\varepsilon}|| < \max_{t \in F} |x(t)| + \varepsilon$$

(2)
$$x_{\mathcal{E}}(t) = x(t)$$
 $(t \in \mathbb{F})$

then R is the complete ring of all continuous functions on S, i.e. R = C(S).

P.S. Uryson is mentioned in the paper. The author thanks Professor G.Ye. Shilov for the guidance of the paper.

Card 1/2

69762

On a Characteristic Property of the Ring of Continuous Functions

S/155/59/000/02/003/036

There are 5 Soviet references.

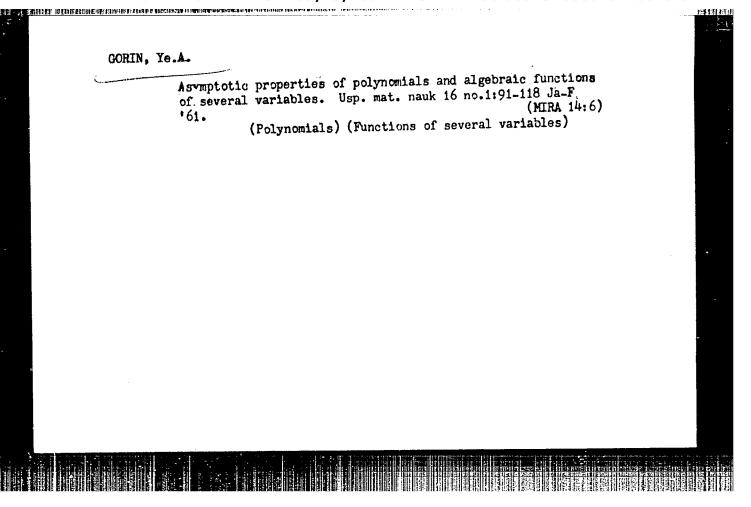
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ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova

(Moncow State University imeni M.V. Lomonosov)

SUBMITTED: February 27, 1959

card 2/2



GORIN, Ye.A.; GRUSHIN, V.V.

Definition of hypoelliptic equations. Usp. mat. nauk 16 no.5:163-166 S-0 '61. (MIRA 14:10) (Differential equations, Partial)

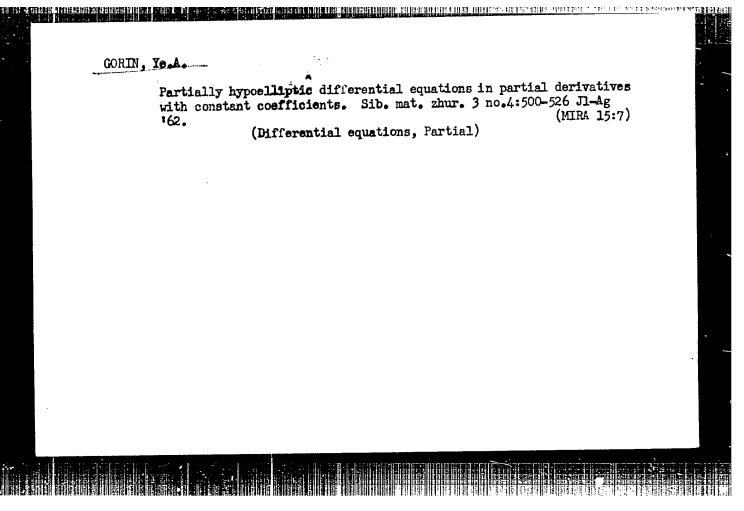
Partially hypoelliptic equations and polynomials. Dokl. AN SSSR 140 no.1:27-28 S_O '61.

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova. Predstavleno akademikom P.S.Aleksandrovym. (Differential equations) (Polynomials)

MANDEL BROYT, S. [Mandel brojt, Shulim]; GORIN, Ye.A. [translator];
DYNIN, A.S. [translator]; MITYAGIN, B.S. [translator];
PLUZHNIKOVA, N.I., red.; PRIDANTSEVA, S.V., tekhn. red.

[Closed theorems and theorems of composition] Teoremy zamknutosti i teoremy kompozitsii; zapis' lektsii i perevod vypolneny E.A.Gorinym, A.S.Dyninym, B.S.Mitiaginym. Moskva, Izd-vo inostr. lit-ry, 1962. 153 p. (MIRA 16:1) (Fourier transformations) (Series, Taylor's)

1:Mat., mekh, no.6:29-33 N-D '62. (MIRA 16:2) 1. Kafedra teorii funktsiy i funktsional'nego analiza Moskovskogo universiteta. (Operators (Mathematics))	
Moskovskogo universiteta.	
(Operators (Mathematics))	



GORIN, Ye.A.

Characteristic of a ring of all continuous functions on a bicompact. Dokl. AN SSSR 142 no.48781-784 F *62.

(MIRA 1582)

S/055/63/000/002/001/004 D251/D308

AUCHOES:

Gorin, Ye. A., and Grushin, V. V.

TITLE:

Differential equations whose solutions are smoothed out on differentiation

PERIODICAL:

Moscow. Universitet. Vestnik. Seriya I. Matematika, Mekhanika, no. 2, 1963, 25-32

TEXT: The author considers a class of functions of many variables for which a partial derivative may be smoother than the function itself. Theorem 1. Let G be some finite region and q a non-negative integer. $P(s) = P(s_1, ..., s_n)$ is defined as a polynomial in n complex variables $s_j = \sigma_j + i\tau_j$ $(1 \leqslant j \leqslant n)$, and N(P) is the manifold of all complex zeros of P(s). P(D) is defined as the operator

Card 1/3

Differential equations... $P(D) = P\left(\frac{1}{1}, \frac{\partial x_1}{\partial x_1}, \dots, \frac{1}{1}, \frac{\partial x_n}{\partial x_n}\right).$ The true for every catings continuously

If there exists k > 0 such that for every q-times continuously differentiable solution in G of the equation

$$P(D)u(x) = 0 (4)$$

the function $\partial^k u/\partial x_1^k$ possesses continuous derivatives up to the (q + 1)th order, then for the manifold N(P),

$$|\tau| \geqslant a |\sigma| |\gamma| |s_1| |\gamma_1 - b$$
 (5)

where a, b, γ , $\gamma_1 > 0$. The proof is based on some general considerations connected with Banach's theorem and on the

Card 2/3

Differential equations ...

S/055/63/000/002/001/004 D251/D308

Seidenberg-Tarski theorem, (A. Seidenberg, Ann. Math. Ser. v. 60, 2, 1954, 365-374; Ye. Y. Gorin, UMN, no. 1, 1961, 91-118), and on the application of a Fourier transformation and Cauchy's theorem. Hence, Theorem 2: If on the manifold N(P) the inequality Eq. (5) is satisfied, then any solution of Eq. (4) will be smoothed on differentiation with respect to x_1 .

Theorem 3. If the conditions of Theorem 2 hold, then for u(x) to be smoothed on differentiation with respect to x_1 it is necessary and sufficient that v(x) = P(D)v(x) is constant

necessary and sufficient that $\psi(x) = P(D)u(x)$ is smoothed on differentiation with respect to x_1 . There is 1 figure.

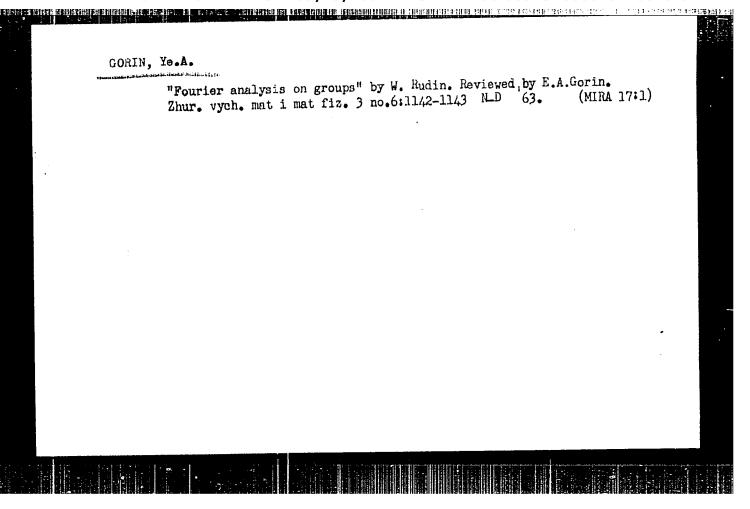
 \angle Abstracter's note: In the formula for s_j , $(1 \le j \le n)$ is incorrectly given as $(1 \le i \le n)$.

ASSOCIATION:

Kafedra teorii funktsiy i funktsional'nogo analiza (Department of the Theory of Functions and Functional Analysis)

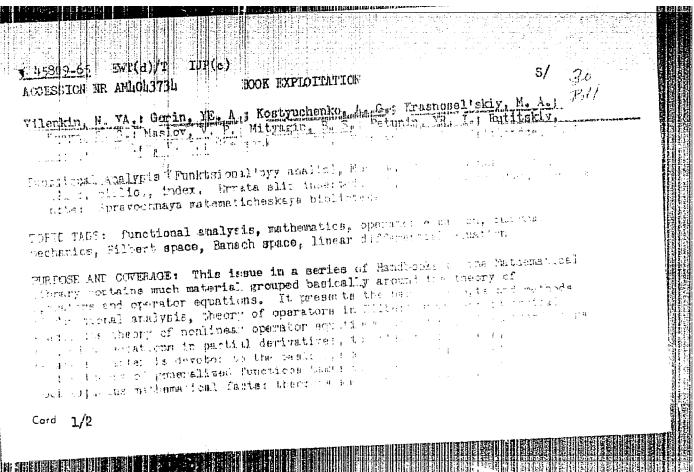
SUBMITTED: Card 3/3

May 7, 1962



VILENKIN, N.Ya.; GORIN, Ye.A.; KOSTYUCHENKO, A.G.; KRASNOSEL'SKIY, M.A.; KRETN, S.G.; MASLOV, V.P.; MITYAGIN, B.S.; PETUNIN, Yu.I.; RUTITSKIY, Ya.B.; SOBOLEV, V.I.; STETSENKO, V.Ya.; FADDEYEV, L.D.; TSITLANADZE, E.S.; IYUSTERNIK, L.A., red.; YANFOL'SKIY, A.R., red.; GAPOSHKIN, V.F., red.

[Functional analysis] Funktsional'nyi analiz. [By] N.IA. Vilenkin i dr. Moskva, Izd-vo "Nauka," 1964. 424 p. (MIRA 17:6)

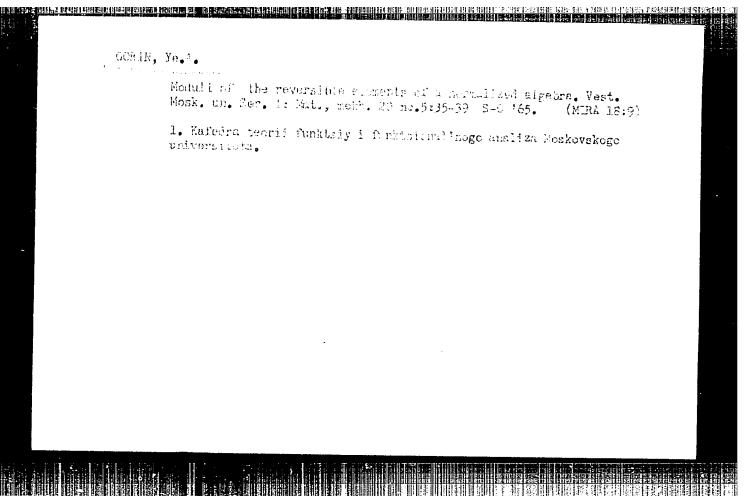


· 45809-65 ACCESSION NR AMLOL373L without proofs. Main attention is given to concepts without excessive detail. The book is intended for mathematicians, mechanical empineers, and physicists. It permits such of value for students and graduate matterns, TABLE 'S CONTENTS [abridged]: Foreword -- 13 Ch. I. Baule concepts of Functional analysis - 17 Ch. II. Linear operators in Hilbert space -- 79 Ch. III. Linear differential equations in Banach space - 1h6 Ch. IV. Norlinear operator equations - 100 Ch. V. Operators in space with a cone - 229 Ch. VI. Commutative standard rings - 256
Ch. VII. Quantum mechanics operators - 279
Ch. VIII. Generalized functions - 323 Pibliography -- 1114 Subject Index -- 418 SUBMITTED: 06Feb6h SUB CODE: MA NO REP SOV: 038 OFFER: OL2 Cord 2/2 1

GORIN, Ye.A.

Solvability of the Cauchy problem in a class of quadratically integrable functions for systems of partial differential equations with constant coefficients. Vest. Mosk. un. Ser. 1: Mat., mekh. 20 no.4:6-12 Jl-Ag '65. (MIRA 18:9)

l. Kafedra teorii funktsiy i funktsi mal'nogo angliza Moskovskogo gosudarstvennogo universiteta imeni M.V. Lomonosova.



SHILOV, Georgiy Yevgen'yevich; GORIN, Ye.A., red.

[Mathematical analysis; second special course] Matematicheskii analiz; vtoroi spetsial'nyi kurs. Moskva,
Nauka, 1965. 327 p.

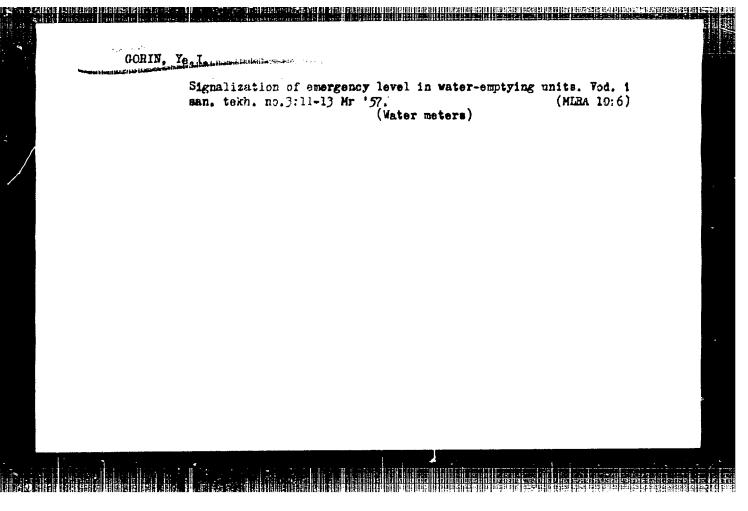
(MIRA 18:11)

GORIN, A.A.; GORIN, Ye. A.

Solvability of the Cauchy problem with finite initial data.

Dif. urav. 1 no. 12:1640-1646 D 165. (MIRA 18:12)

1. Institut tochnoy mekhaniki i vychislitel'noy tekhniki AN SSSR i Moskovskiy gosudarstvennyy universitet imeni Lomonosova. Suhmitted Fabr. 17, 1965.



Mechanized cleaning of filters. Vod. i san. tekh. no.8:35
Ag '58.

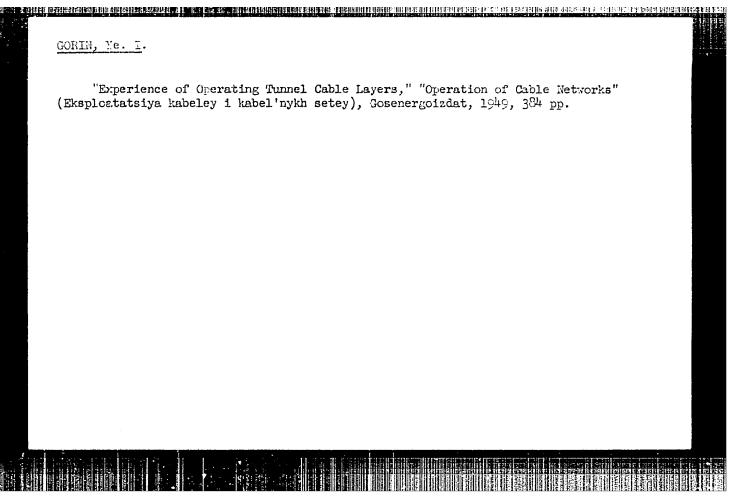
(Filters and filtration)

ANDRIANOV, V. N., doktor tekhn. nauk; GORIN, Ye. I., inzh.

Certain features of using synchronous electric motors in agriculture. Mekh. i elek. sots. sel'khoz. 20 no.6:47-50 '62. (MIRA 16:1)

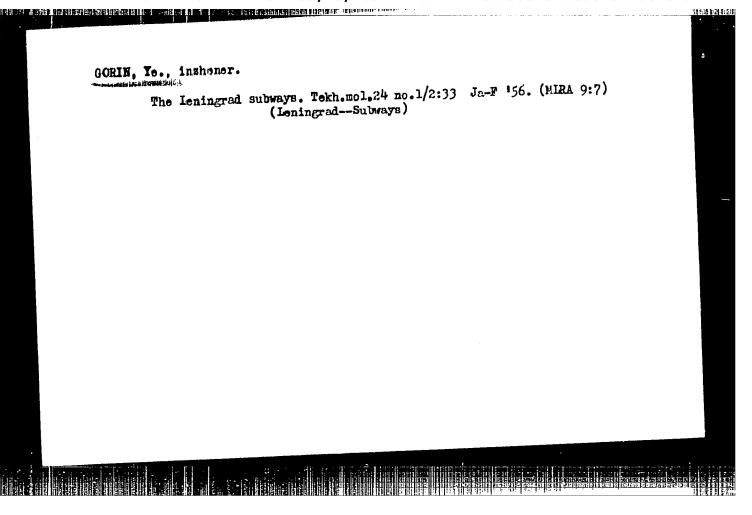
1. Moskovskaya sel¹skokhozyaystvennaya akademiya im. K. A. Timiryazeva (for Andrianov). 2. Vsesoyuznyy nauchno-issledo-vatel¹skiy institut elektrifikatsii sel¹skogo khozyaystva (for Gorin).

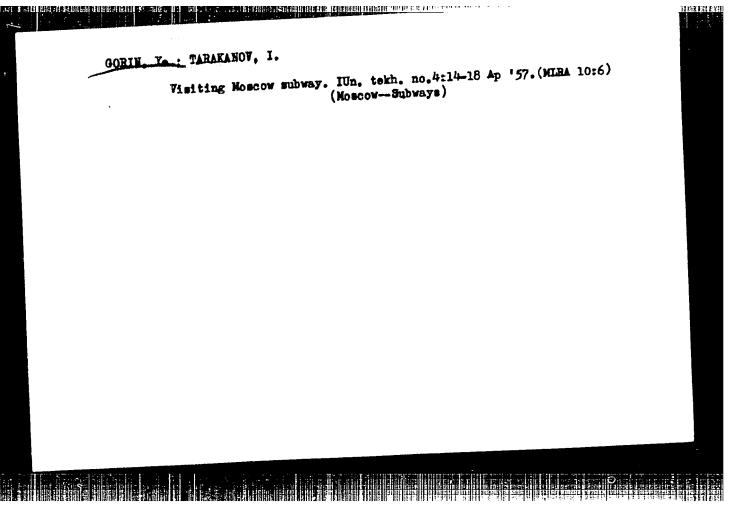
(Electric motors, Synchronous)
(Electricity in agriculture)

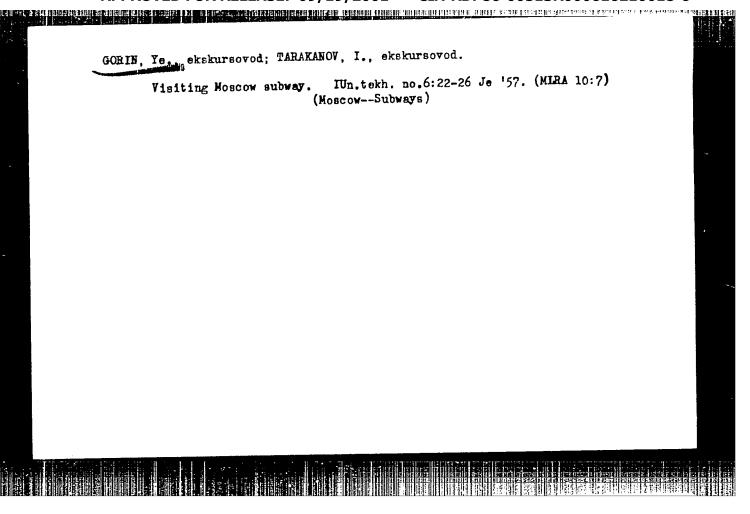


E. TATAN MICHIGARINA BERKUM BATALA MARANA MENANGAN 139150 - Ye. I. GORIN, Yel May 51 USSR/Electricity - Traction, Electric Cables "Cables for 825 Volts and Their Protection," Ye. I. Gorin, K. N. Oskolkov, Engineers, Moscow Subway System "Elektrichestvo" No 5, pp 71-74 Gives brief description of circuit and layout of dc cable network supplying the contact network of the Moscow subway. Examines circuits now in operation for protection of 825-v dc cable. Submitted 13 Dec 50.

CIA-RDP86-00513R000616210018-6" APPROVED FOR RELEASE: 09/19/2001







GORIN, Ye.I.

GORIN, Ye.I.

Gontrolling dust in subways. Gor. khoz. Mosk. 32 no.9:23-25 S '58. (MIRA 11:9)

1. Nachal'nik sanitarno-tekhnicheskoy sluzhby Moskovskogo metropolitena imeni V.I. Lenina.

(Moscow--Subways) (Dust--Removal)

ा प्राप्त के प्रति के कि कि कि कि स्वापति । विभिन्न कि स्विति । विभिन्न के स्विति के स्विति के स्विति के स्वित स्विति के स्विति के स्विति के स्विति । विभिन्न के स्विति के स्विति के स्विति के स्विति के स्विति के स्विति के

GORIN, Yu. A.

(A) Laboratory furnace and experimental equipment for, and (B) performance of the catalyst used in, the preparation of divinyl from alcohol. (C) Alcohols of the series C5 and C6, (D) aldehydes and ketones, and (E) piperylene and amylene in the products of catalytic decomposition of alcohols by the S. V. Lebedev method. (F) Utilisation of ψ -butylene obtained in divinyl synthesis from alcohol. S. V. Lebedev [with N. Z. Andreev, J. A. Gorin, I. K. Gorn, S. G. Kibirkshtis, G. G. Kobljanski, A. M. Kogan, A. V. Kozlovskaja, V. P. Krause, M. A. Krupuishev, I. A. Livschitz, O. M. Neimark, G. N. Sibirjakova, J. M. Slobodin, and I. A. Volshinski] (Trud. Gosud. Op. Zav. Sintet. Kautschuka, 1934, B, III, 7--16, 16-40,41-44,44-45,50-68, 68-85).-(A) Laboratory and micro-(capacity 5 c. c. of EtOH) - furnaces and a furnace with reaction chambers of 1 m. length are described. EtCH is preheated to 400-5250, passed over the catalyst, the products are cooled, and uncondensed gases absorbed (e.g., in turpentine). (CH2:CH)2 and ψ C4HA are recovered by fractionating the solution and removing MeCHO by passing through 50% aq. NaOH. (B) The catalyst (composition not given), which is preferably of worm-like shape (diameter 1-3 mm.) and not compressed, consists of a dehydrogenating and a dehydrating substance (cf. B., 1930, 939). The furnace is of Cu or enamelled or Al-plated Fe; chambers of length 1 m. and 3 m. are compared. The unfavourable effect of Et20 and H20, and the slightly favourable effect of 5-7% of MeCHO, are noted. Spent catalyst, which causes increase in the H2, MeCHO, and BuOH yields, is regenerated by admitting air into the catalyst chamber. (c) Normal primary saturated alcohols (C5-6) are obtained. (D) COMe2, MeCHO, but-, croton-, valer-, hex-, and oct-aldehydes are obtained. (E) The condensate from the prep. and the residue from the rectification of (CH2:CH)2 are rectified, the fractions of b.p. 30-450 isolated and united, and fractions of b.p. 35-37° and 37-40° collected. The diene and olefine (in each fraction) are brominated, the bromides separated, and piperylene and amylene regenerated. Condensation reactions are also described.

(continued on Page 2)

DOGADKIN, B.

(F) \$\psi - C_{\text{l}}\text{Hg}\$ obtained as a by-product in the prep. of synthetic rubber from (CH_2:CH)_2 is treated in the liquid phase with 72-75% H_2SO_4 to yield 83% of Bu \$\text{0}\$ H and thence (with Ac_2O and fused NaOAc) Bu \$\text{0}\$ OAc. (CH_2:CH)_2 in \$\text{\nu}\$ -CLHg could be removed by Na but not by H_2SO_4. The use of Cu or Fb apparatus is recommended.

CH. ABS. (c)

